Future Flight Design						
2007 Science						
Grade Level and High School Content Expectations						
Michigan Science						
Grade 5						
Activity/Lesson	State	Standards				
Air Transportation		SCI.5.S.IA.05.	Analyze information from data tables and			
Problem	MI	11	graphs to answer scientific questions.			
			Evaluate data, claims, and personal			
Air Transportation		SCI.5.S.IA.05.	knowledge through collaborative science			
Problem	MI	12	discourse.			
			Communicate and defend findings of			
Air Transportation		SCI.5.S.IA.05.	observations and investigations using			
Problem	MI	13	evidence.			
Air Transportation		SCI.5.S.IA.05.	Draw conclusions from sets of data from			
Problem	MI	14	multiple trials of a scientific investigation.			
Aircraft Design		SCI.5.S.RS.05.	Design solutions to problems using			
Problem	MI	16	technology.			
			Describe what happens when two forces act			
Aircraft Design		SCI.5.P.FM.05.				
Problem	MI	31	directions.			
			Describe how changes in the motion of			
Aircraft Design		SCI.5.P.FM.05.	objects are caused by a non-zero net			
Problem	MI	33	(unbalanced) force.			
			Relate the size of change in motion to the			
Aircraft Design		SCI.5.P.FM.05.	strength of unbalanced forces and the mass			
Problem	MI	34	of the object.			
			-			
		Future Flight De				
	Grade Level a	2007 Scienc	e content Expectations			
Michigan Science	Oldde Level e		Expectations			
Grade 6						
Activity/Lesson	State	Standards				
Air Transportation	State	SCI.6.S.IP.06.	Generate scientific questions based on			
Problem	MI	11	observations, investigations, and research.			
Air Transportation	IVII	SCI.6.S.IA.06.	Analyze information from data tables and			
Problem	MI	11	graphs to answer scientific questions.			
1 TODIGITI	IVII	11	Communicate and defend findings of			
Air Transportation		SCI.6.S.IA.06.	observations and investigations using			
Air Transportation Problem	MI	13	evidence.			
Air Transportation	IVII	SCI.6.S.IA.06.	Draw conclusions from sets of data from			
•	MI					
Problem	MI	14	multiple trials of a scientific investigation.			
Aircraft Design Problem	NAI		Design solutions to problems using			
r i ODI C III	MI	16	technology.			
		Future Flight De	l esian			
2007 Science						
Grade Level and High School Content Expectations						
Michigan Science						
Grade 7						
Activity/Lesson	State	Standards				

Air Transportation		SCI.7.S.IP.07.	Generate scientific questions based on
Problem	MI	11	observations, investigations, and research.
Air Transportation		SCI.7.S.IA.07.	Analyze information from data tables and
Problem	MI	11	graphs to answer scientific questions.
Air Transportation		SCI.7.S.IA.17.	Communicate and defend findings of
Problem	MI	13	observations and investigations.
			Draw conclusions from sets of data from
Air Transportation		SCI.7.S.IA.07.	multiple trials of a scientific investigation to
Problem	MI	14	draw conclusions.
Aircraft Design		SCI.7.S.RS.07.	Design solutions to problems using
Problem	MI	16	technology.